NEW UNITED STATES UTILITY PATENT APPLICATION TRANSMITTAL

Atty. Docket No.: 17633/1

CERTIFICATE OF MAILING UNDER 37 CFR 1.10

I hereby certify that the paper (and any paper or fee referred to as being enclosed) is being deposited with the United States Postal Service using Express Mail to Addressee Service, under 37 C.F.R. Section 1.10, Express Mail Label No. EL728733328US on this date, September 26, 2001, postage prepaid, in an envelope addressed to Box: Patent Application, Commissioner for Patents, Washington, D.C. 20231.

> Kathleen Williams Name of Person Mailing Paper Signature of Person Mailing Paper

Commissioner for Patents **Box Patent Application** Washington, D.C. 20231

Enclosed herewith is a new patent application of:

| | | First Named Inventor (or application identifier): Habener | | | | | | |
|---|-------------|--|--|--|--|--|--|--|
| Type: | | Title of Invention: Stem Cells of the Islets of Langerhans and Their Use in Treating Diabetes Mellitus | | | | | | |
| Туре: | | New | | | | | | |
| ni. Pel | | Continuation of: | | | | | | |
| 4,1 H | \boxtimes | Continuation-in-Part of: 09/731,261 | | | | | | |
| 119 119 | | Divisional of: | | | | | | |
| 4. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19 | and in | ncludes the following papers: | | | | | | |
| 41. | \boxtimes | Specification <u>86</u> pages (including specification, claims, abstract)/ <u>103</u> claims (<u>21</u> independent) | | | | | | |
| | | Declaration/Power of Attorney is: attached | | | | | | |
| []3. | \boxtimes | 25 Distinct sheets of Formal Informal Drawings | | | | | | |
| 14 . | | Preliminary Amendment. | | | | | | |
| 5. | | Information Disclosure Statement Form 1449 A copy of each cited prior art reference | | | | | | |
| 6. | | Assignment with Recordation Cover Sheet. | | | | | | |
| 7. | \boxtimes | Priority is hereby claimed under 35 U.S.C. § 119 based upon the following application(s): | | | | | | |
| | 100 | THE PARTY OF THE P | | | | | | |

| Country | Application Number | Date of Filing (day month, year) | |
|---------|--------------------|----------------------------------|--|
| US | 60/169,082 | 6 December 1999 | |
| US | 60/215,109 | 28 June 2000 | |
| US | 60/238,880 | 6 October 2000 | |

8. X Priority is hereby claimed under 35 U.S.C. § 120 based upon the following application(s):

| Comme | | ber Date of F | |
|--|-----------------|---------------|-----------------------|
| Commy | Application Num | her I Detact | |
| and the state of the contraction of the state of the stat | | Date of D | IIII (day month year) |
| | | | |

NEW UNITED STATES UTILITY PATENT APPLICATION TRANSMITTAL

Atty. Docket No.: 17633/1235

| US | 09/731,261 | | | 6 December 2000 | | | | | | |
|--|--|------------------|-----------------|---------------------------------------|--|--|--|--|--------------------------|----|
| 9. Priority document(s). | | | | | | | | | | |
| 10. Statement of Small Ent | - | | | | | | | | | |
| | Computer Program (Appendix). | | | | | | | | | |
| | no Acid Sequence Submission. | | | | | | | | | |
| Computer Read | | | | | | | | | | |
| Paper Copy (identical to computer copy). | | | | | | | | | | |
| | Statement verifying identity of above copies. Request for Non-Publication and Certification under 35 USC 122 (b)(2)(B)(i) | | | | | | | | | |
| 14. Calculation of Fees: | m and confidence un | iuei 33 USC 122 | 2 (B)(2)(B)(1 | 1) | | | | | | |
| The Calculation of Pees. | | | | | | | | | | |
| P. Salaka and Market a | | | EXCESS | | The same of College of | | | | | |
| Peis Fills F. (27 CFP) | | CLAIMS | CLAIMS | FEE | AMOUNT DUE | | | | | |
| Basic Filing Fee (37 C.F.R. § 1.16(a)) | | | · | | \$710.00 | | | | | |
| Total Claims in Excess of 20 (37 C.F.R. § | • * * * | 103 | 83 | \$18.00 | \$1,494.00 | | | | | |
| Independent Claims in Excess of 3 (37 C.F. | - 177 | 21 | 18 | \$80.00 | \$1,440.00 | | | | | |
| Multiple Dependent Claims (37 C.F.R. § 1. | 16(d)) | Y | | \$270.00 | \$270.00 | | | | | |
| Subtotal - Filing Fee Due | | | | | \$3,914.00 | | | | | |
| | | E Service | | \$ 11.00° | | | | | | |
| Reduction by 50%, if Small Entity (37 C.F.R. §§ 1.9, 1.27, 1.28) MULTIPLY BY 0.50 | | | | | \$1,957.00 | | | | | |
| TOTAL FILING FEE DUE | | | | · · · · · · · · · · · · · · · · · · · | \$1,957.00 | | | | | |
| Assignment Recordation Fee (if applicable) | | 0 | | \$40.00 | | | | | | |
| GRAND TOTAL DUE | | | | | \$1,957.00 | | | | | |
| 15. PAYMENT is: | 200 3000 30000 5 | 200 Jan 1980 188 | ** 1.00 (1.00) | | _ tallite with the state of the | | | | | |
| included in the amount of | included in the amount of by our enclosed check. The Commissioner is hereby authorized to | | | | | | | | | |
| charge any deficiencies not included, but deferre | in the fees to Deposit. | Account 16-008: | 5, Ref. | • | | | | | | |
| | | | | | | | | | | |
| 16. All correspondence for the attached application should be directed to: Kathleen Williams | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| 17. Other: | | | | | | | | | | |
| Respectfully submitted, | | | | | | | | | | |
| | | | | | | | | | Date: September 26, 2001 | 70 |
| F | B | | thleen Will | iame | | | | | | |
| | | | on No.: 34,3 | | | | | | | |

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

Habener, et al.

Serial No.:

Not Yet Assigned

Filed:

September 26, 2001

Entitled:

Stem Cells of the Islets of Langerhans

and Their Use in Treating Diabetes

CERTIFICATE OF MAILING UNDER 37 CFR §1.10

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Kathleen Williams

Name of Person Mailing Paper

Signature of Person Mailing Paper

Box: Patent Application Commissioner for Patents Washington, D.C. 20231

TRANSMITTAL LETTER

Enclosed for filing in the above-identified patent application, please find the following documents:

- 1. New Patent Application Transmittal;
- 2. Patent Application, (86 pages);
- 3. (25) sheets of informal drawings of Figs 1-22;
- 4. Unexecuted Declaration/Power of Attorney; and
- 5. Return Post Card.

Pursuant to 37 C.F.R. § 1.27, Applicant claims small entity status. Payment of the requisite filing fee has been deferred under 37 C.F.R. §1.53(f).

Respectfully submitted,

Date:

September 26, 2001

Kathleen Williams

Registration No.: 34,380 Customer No.: 27495 Palmer & Dodge LLP One Beacon Street

Boston, MA 02108 Tel: 617-573-0100